Waste Commission of Scott County

- Established in 1972
- Mission: to provide environmentally sound and economically feasible solid waste management for Scott County
- Own and operate:
 - Scott Area Landfill
 - Scott Area Recycling Center
 - Household Hazardous Material & VSQG Facility
 - ► Electronics Recovery Center



Special Waste Examples

- PCS (Petroleum contaminated soil)
- Asbestos
- Pit sludge
- Grits and Rags
- Bag house dusts
- Filter cakes
- Ash
- Liquids
- Sand Blasting Waste
- ► Fluff Auto Shredder Residue
- Tank Bottoms
- Liquid Waste



Process to Bring Special Waste in

- Initial Call
- Questions
- Paperwork
 - ▶ Do we have a SWAC on file with the DNR?



Receiving paperwork

- Review our profile form
- Review Analytical data
- Review MSDS/SDS



Laboratory Analytical

- Landfill TCLP (Toxicity Characteristic Leaching Procedure)
 - metals, volatiles, semi volatiles, pesticides and herbicides
- ▶ PH
- Flash point
- We use what knowledge we have from the industrial process or spill to determine testing required
- Totals testing



Acceptance

- Once material proves to be non hazardous WCSC completes the form
- Handling instructions
- Waste code
- Signature and date



Scale Acceptance

- Hauler calls before delivery
- Scale attendant verifies load matches what is on the paperwork
- Last line of defense before entering the site.
 - Scale operator and landfill equipment operator in the field



What happens in the field?

- All waste that is not MSW or C&D the scale will call to operators.
- Operators are aware of what the specific waste looks/smells like through training and experience.
- Understand possible hazards with the special waste we accept.
 - Most typical hazard fugitive dust
- Be sure to handle material properly
- Be conscious of customers



PCS – Petroleum Contaminated Soil





Asbestos









Where is Asbestos found?

EXAMPLES OF ASBESTOS-CONTAINING PRODUCTS

Floor backing

Heating and electrical ducts

Decorative plaster

Electric wiring insulation

Chalkboards

Blown-in insulation

Base flashing

Packing materials

Caulking and putties

Laboratory gloves

Joint compounds

Pipe insulation

Acoustical plaster

Electrical cloth

Ceiling tiles

Spray-applied insulation

Roofing felt

Taping compounds

Fire doors

Lab hoods and tabletops

Wallboard

Vinyl wall coverings

Construction mastics

Electrical panel partitions

Textured paints/coatings

Lay-in panels

Roofing shingles

Fireproofing materials

Thermal paper products

High-temperature gaskets

Adhesives

Fire blankets and curtains

Elevator equipment panels

Grits and Rags



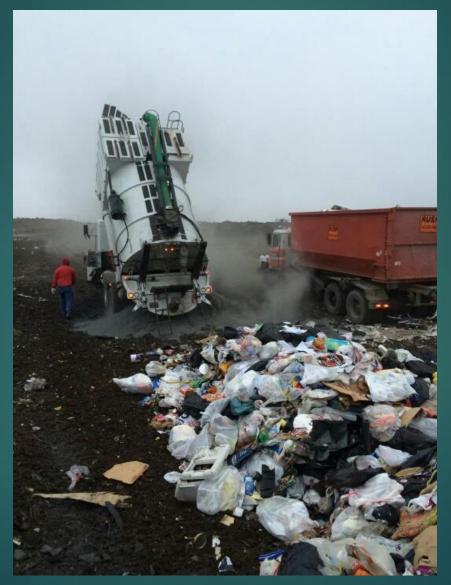


Melter bag house



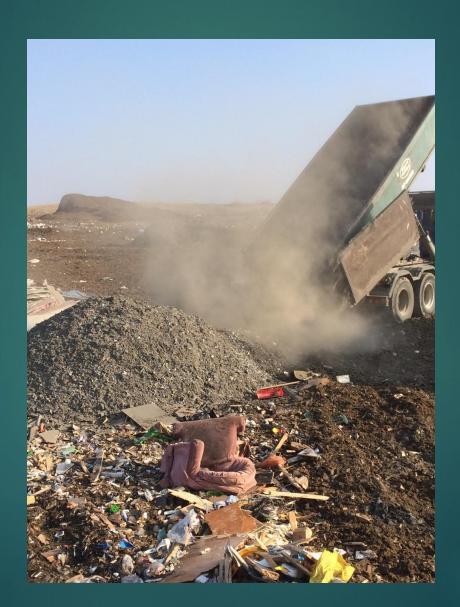


Clean up dust





Shredder dust





Street Sweepings





Alter Fluff - ASR



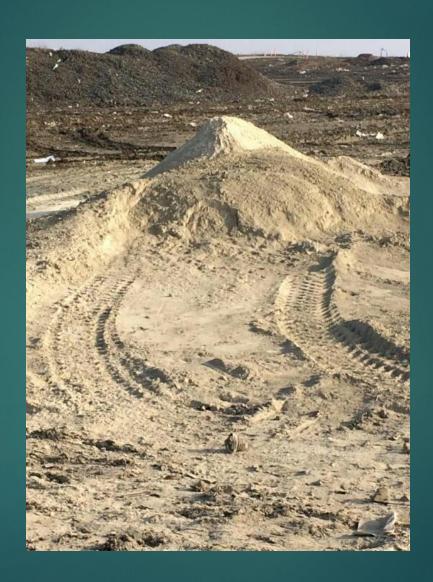


Sludges

- Liquids
 - Petroleum contaminated liquid/sludge
 - ▶ Oil/water separators, spills, accidents (barge)
 - ▶ Drain and trench pits car washes, shops
 - Process liquids, Barge clean outs, wash water
 - Soap
 - Proper mixing ratio to manage without ash overuse



Fly ash





MRF Bales





Burn Barrel





We are here to help!

▶ Questions?

Contact info:

Brian Seals

Landfill Operations Manager

563-381-1300

Brian.seals@wastecom.com

